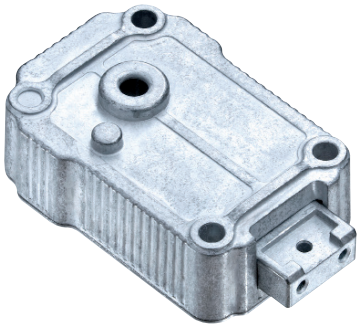
User's manual
Primor 2000 / Level 15



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1 General instructions

- **Please read the operating instructions carefully, before activating the lock.**

1.1 Liability notes

- We don't assume liability for malfunctions due to incorrect operation, use of force or inappropriate handling. In cases of damage to property or valuables, which are due to incorrect locking of the safe, we also don't assume liability.
- If your safe, however, does not open correctly with the following instructions, please contact the manufacturer of the safe.

1.2 Operating notes

- Assess a person to administer the lock. This person will be the master. Up to 9 users can be programmed. They receive PIN 1-9 (PIN = Personal identification number). The code of the user 9 is also the instant opening code when a time delay is activated.
- Programming can be done when the lock is opened or closed. For safety reasons we suggest you to do it while the lock is opened.
- If the lock is not opened or closed within 3 seconds after entering the code, the electronics switch off. Re-enter the code and repeat the process.
- When the time between touching keys exceeds 10 seconds the process of programming and entering is deleted. The old code or programmes stay valid.
- Every correct input while entering the code is confirmed by an acoustic signal and flashing of the red LED. These signals will not be considered in this instruction.
- The red LED flashes during the whole process of programming. These signal will not be considered in this instruction.
- When entering a valid user code instead of the master code, it will be confirmed at first but denied in the second step.
- Never use force.
- Do not open the lock case, otherwise you compromise the function of the lock and warranty will be void.

1.3 Notes on safety

- For your security, change the factory code 1 2 3 4 5 6 7 immediately.
- For your new code, do not use any personal data like birthdays or any other data, which could be known by knowledge of your person.
- After entering the new code, the electronic lock should be opened and locked several times with the safe door opened.
- After each locking doublecheck if the safe is closed.

2 Visual and acoustic signals

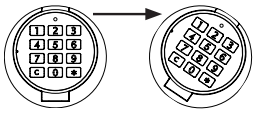
Signal	Explanation	Comment
✓	Right code	
✗	Wrong code or code denied	
■	Short signal	
▬	Long signal	
☼	LED flashes every 10 seconds	Blocking time is active.
	LED flashes every 2 seconds	Time delay is active.
■■■■■■■■■■■	Battery warning	Battery should be changed soon.

3 Input unit

Primor RO

4 Operating the lock

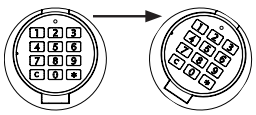
4.1 Opening

			✓	✗
1.	Enter the 7-digit code e.g. master code.	1 2 3 4 5 6 7	■ ■	▬
2.	Turn the input unit clockwise within 3 seconds into opening position. The lock is opened.			

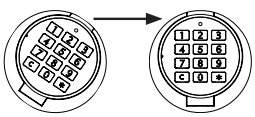
- After 4 consecutive wrong code inputs, a blocking time of 5 minutes occurs. During this blocking time the red LED flashes every 10 seconds and every input is accompanied by a long signal tone. After the blocking time has passed 2 further incorrect inputs will restart the blocking time.

4.1.1 Opening with alarmcode (silent alarm)

Alarmcode: the number to be added to the last number of the code. Usually this is 1. If the result becomes double-digit only the last number is taken (e.g. 9+1=10, enter only 0).
The lock opens normally after entering the alarmcode.
Simultaneously a relay is triggered in PrimorSignal plus by which the alarm code can be signalled to a burglar alarm system.

			✓	✗
1.	Enter the 7-digit alarmcode e.g. 1,2,3,4,5,6,7+1.	1 2 3 4 5 6 8	■ ■	▬
2.	Turn the input unit clockwise within 3 seconds into opening position. The lock is opened.			

4.2 Locking

1.	Close the door at the safe and turn the input unit counterclockwise into locking position. The lock is closed.	

5 Programming the lock

5.1 Master and user codes

5.1.1 Programming a user code (programme 1)

The master is able to program a user code, but not vice versa.

			✓	✗
1.	Press and hold the key “1“ until the red LED flashes permanently.	1	■ ■	
2.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6 7	■ ■	▬
3.	Enter the **user PIN** e.g. user 3.	3	■ ■	▬
4.	Enter the new 7-digit **user code** e.g.	1 1 1 1 1 1 1	■ ■	▬
5.	Re-enter the new 7-digit **user code** e.g.	1 1 1 1 1 1 1	■ ■	▬

- A new user code will be allowed only if the code is differing in two places by a single digit from an existing code.
- Should the new code be denied, restart the process of programming.
- If an opening delay is programmed, user 9 for instant opening code (if it has not been programmed yet) can only be programmed during the release window.

5.1.2 Changing the master or user code (programme 0)

			✓	✗
1.	Press and hold the key “0“ until the red LED flashes permanently.	0	■ ■	
2.	Enter your **old** 7-digit code e.g. user code.	1 1 1 1 1 1 1	■ ■	▬
3.	Enter your **new** 7-digit code e.g.	5 6 7 8 9 1 3	■ ■	▬
4.	Re-enter your **new** 7-digit code e.g.	5 6 7 8 9 1 3	■ ■	▬

- A new user code will be allowed only if the code is differing in two places by a single digit from an existing code.
- Should the new code be denied, restart the process of programming.

5.1.3 Deleting a user (programme 3)

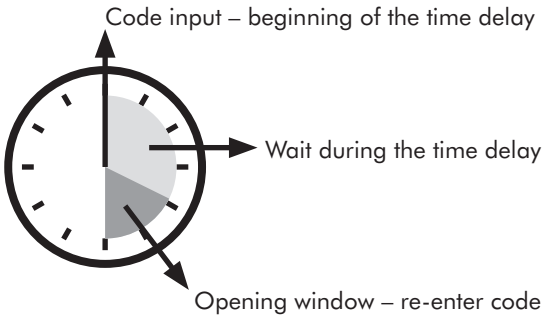
The master is able to delete a user, but not vice versa.

			✓	✗
1.	Press and hold the key “3“ until the red LED flashes permanently.	3	■ ■	
2.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6 7	■ ■	▬
3.	Enter the **user PIN** of the user who has to be deleted e.g. user 1.	1	■ ■	

5.2 Time delay and opening window

Only the master can program or delete the time delay.

Time delay: 01 - 99 minutes - time to wait until the lock can be opened.
Opening window: 01 - 19 minutes - within this time window the master or the user can open the lock with his code.

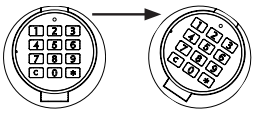


5.2.1 Adjusting the time delay and opening window (programme 9)

			✓	✗
1.	Press and hold the key "9" until the red LED flashes permanently.	9	■ ■	
2.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6 7	■ ■	▬
3.	Enter the **time delay** e.g. 20 minutes.	2 0		
4.	Enter the **opening window** e.g. 10 minutes.	1 0	■ ■	
5.	Re-enter the **time delay** e.g. 20 minutes.	2 0		
6.	Re-enter the **opening window** e.g. 10 minutes.	1 0	■ ■	

• The time delay can be increased at any time. It can be reduced only during the opening window.

5.2.2 Opening with activated time delay and opening window

			✓	✗
1.	Enter your 7-digit code e.g. mastercode.	1 2 3 4 5 6 7	■ ■	
2.	**Wait until the end of the time delay.**		☼	
3.	**Opening window starts.**		☼ ■	
4.	Re-enter your 7-digit code **within the opening window** e.g.	1 2 3 4 5 6 7	■ ■	▬
5.	Turn the input unit clockwise within 3 seconds into opening position. The lock is opened.			

- A commenced opening delay can be interrupted by pressing any key (wait for 10 seconds).
- The entering of an invalid code during release window cancels the opening process.
- The entering of a valid code during the opening delay will be confirmed has no effects.

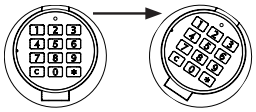
5.2.3 Deleting the time delay (programme 9)

The time delay can only be deleted within the opening window.
The opening window runs after deleting the time delay for the last time.

			✓	✗
1.	Enter your 7-digit code e.g. mastercode.	1 2 3 4 5 6 7	■ ■	▬
2.	**Wait until the end of the time delay.**		☼	
3.	**Opening window starts.**		☼ ■	
4.	Press and hold the key "9" until the red LED flashes permanently.	9	■ ■	
5.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6 7	■ ■	▬
6.	Delete the **time delay.**	0 0		
7.	Delete the **opening window.**	0 1	■ ■	
8.	Delete the **time delay** again.	0 0		
9.	Delete the **opening window** again.	0 1	■ ■	

5.2.4 Opening with the instant opening code

The instant opening code is meant to bypass the time delay.
The instant opening code is assigned to user 9. A corresponding user code has to be activated.
The code that is entered first, must not be identical to the code of user 9.

			✓	✗
1.	Enter your 7-digit code e.g. mastercode.	1 2 3 4 5 6 7	■ ■	▬
2.	**Time delay starts.**		☼	
3.	Enter your 7-digit **instant opening code** e.g.	9 9 9 9 9 9 9	■ ■	▬
4.	Turn the input unit clockwise within 3 seconds into opening position. The lock is opened.			

6 Operation blocking (programme 2)

Only the master can enable or disable all user codes at the same time.
Have user codes been disabled, the lock can be opened only with the master code.

			✓	✗
1.	Press and hold the key “2“ until the red LED flashes permanently.	2	■ ■	
2.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6	■ ■	▬

7 Overview users (programme 7)

This function provides an overview of the number of free or already occupied users.
Only the master can perform this function.

			✓	✗
1.	Press and hold the key “7“ until the red LED flashes permanently.	7	■ ■	
2.	Enter your 7-digit **master code** e.g.	1 2 3 4 5 6 7	■ ■	▬
3.	Enter the **user PIN** that has to be checked e.g. users 3, 5, 6...	3, 5, 6...	free ■	occupied ■ ■
4.	End the query.	0	■ ■	

8 Testing the system (programme 5)

Press every number once. A functional key will be confirmed by a double signal. A key that was not identified is confirmed by a long signal and the functional test is aborted. The system has to be checked.

			✓	✗
1.	Press and hold the key “5“ until the red LEDs flash permanently.	5	■ ■	▬
2.	Press every key in its order of appearance.	1 2 3 ..... 9 0	■ ■	▬

9 Power supply and battery change

The lock is power supplied by one 9 V block battery alkaline (no rechargeable batteries!). When battery voltage is insufficient, after entering the code a warning tone occurs repeatedly and the red LED flashes alternately. Change the battery as quickly as possible. The programmed codes stay valid during battery change.
Always dispose used batteries in an environmentally friendly way.

Fig. 1.: Input unit Primor RO